

(Unclassified // FOUO)

CSWC Operational Period Summary

1800 March 18 2017 to 0600 March 19 2017



Shasta Dam on March 16, 2018. The lake is currently at 77% of capacity, which is 3,515,828 acre feet.

Photo Credit: Tamara Bailey

Duty Officer	
EDO	Kelly Huston
CSWC Watch Officer	Chad Stokes (Day) Sarah Murdock (Night)
STAC Duty Officer	STAC@caloes.ca.gov 916-275-4069
FDO	Bill Bondshu
LDO	Dan Dailey
IDO	Terri Mejorado
CDO	Nancy Smith
SDO	Karla Benedicto
PIO	Brad Alexander
TDO	Ben Green
IT	Greg Selk
EQTP	Yvette LaDuke
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

National Terrorism Advisory System



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STAC 24 Hour Open Source Report

- Next Report 03/20/17



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

SITUATION SUMMARY

Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 1	Level 1	Level 1	Level 1

Cal OES COASTAL REGION

- See 2017 Statewide Winter Storms Slides

Cal OES INLAND REGION

- See 2017 Statewide Winter Storms Slides

Cal OES SOUTHERN REGION

Mission Tasking

- See 2017 Statewide Winter Storms Slides

Oroville Dam Auxiliary Spillway Incident

Per the DWR Flood Operations Center and California Data Exchange Center (CDEC) [as of 03/19/17 at 0600 hours](#):

- Inflow: [11,397](#) cfs.
- Outflow: [47,150](#) cfs.
- The current lake elevation is [858.82](#) feet.
- As of 03/17/17 at 1400 hours, the Oroville Dam began releasing from the spillway into the Feather River to make space for spring runoff and predicted upcoming rain.

Mission Tasking

- 2017-SOC-33363: Road Repair (Butte County) – On Scene.
- 2017-SOC-34379: Caltrans engineer to visually inspect and conduct Impact-Echo Testing on the gated concrete spillway floor – On Scene.

SITUATION SUMMARY

Cal OES INLAND (continued)

Declaration

Presidential Emergency Declaration, FEMA-3381-EM

- Federal emergency aid has been made available to the State of California to supplement State, tribal, and local response efforts due to the emergency conditions resulting from the potential failure of the emergency spillway at Lake Oroville Dam beginning on 02/07/17 and continuing.

Proclamations

- Governor Brown issued a Proclamation of a State of Emergency on 02/12/17 due to the Oroville Dam Auxiliary Spillway Failure.
- **Butte County**
 - On 02/17/17 the CSWC received a ratified proclamation from Butte County for the Oroville Spillway Incident requesting any State and Federal Assistance.
 - On 02/13/17, the CSWC received a proclamation from Butte County due to the Oroville Dam Auxiliary Spillway Failure. There are no requests for state assistance at this time.
- **Glenn County**
 - On 03/03/17, the CSWC received a ratified proclamation from Glenn County requesting a Governors Proclamation, State and Federal Assistance due to the Oroville Dam Auxiliary Spillway Failure.
 - On 02/17/17 the CSWC received a proclamation from Glenn County proclaiming a state of emergency due to the Oroville Dam Auxiliary Spillway Failure at this time there is no request for state assistance at this time.
- **Nevada County**
 - On 02/22/17, the CSWC received a ratified proclamation from Nevada County proclaiming a state of emergency due to the 2017 February Oroville Auxiliary Spillway Failure incident. The county has requested a Gubernatorial Proclamation, Presidential Declaration, and any state and federal assistance to include funding assistance through the California Disaster Assistance Act (CDAA).
- **Sutter County**
 - On 02/16/17, the CSWC received a proclamation from Sutter County due to the Oroville Dam Auxiliary Spillway Failure requesting Director's Concurrence, CDAA, and federal assistance.
 - On 02/23/17, the CSWC received a proclamation from the City of Live Oak, Sutter County due to the Oroville Dam Auxiliary Spillway Failure incident. There are no requests for state assistance.
- **Yolo County**
 - On 02/15/17 the CSWC received a resolution from Yolo County for the 2017 February Oroville Auxiliary Dam Incident. The County is requesting a Directors Concurrence, Presidential Declaration, and CDAA.
- **Yuba County**
 - On 02/13/17, the CSWC received a proclamation from Yuba County due to the Oroville Dam Auxiliary Spillway Failure requesting Gubernatorial and Director's Concurrence.

SITUATION SUMMARY

2017 February Storms

Cal OES Coastal Region

Shelters due to ongoing flooding issues

Lake County

- Lakeport Community 7th Day Adventist Church: 1111 Park Way, Lakeport
 - Midnight Count: 23

Santa Clara County

- Seven Trees Community Center, 3590 Cas Drive, San Jose
 - Midnight Count: 64

Pfeiffer Bridge Incident, Monterey County

California Highway Patrol (CHP) and Caltrans had a hard closure on the Pfeiffer Bridge on HWY 1 at mile marker 45.52 (SB Sycamore Canyon and the Bridge) due to a crack in the bridge. Caltrans, CHP and Monterey County Sheriff's Office are on site.

The Cal OES Coastal Duty Officer (CDO) reported on 03/18/17:

- The southern detour route is open as of 03/13/17 to local traffic only.
 - Residents south of Pfeiffer Canyon Bridge using Highway 1, will have limited access on 03/20/17 to "re-supply", however, it will only be an half hour window in the morning and evening.
 - Construction will begin south of Paul's Slide on 03/20/17.
 - School bus and resupply/deliveries will not be allowed to pass
 - Nacimiento-Ferguson Road might be open to the public within the coming days to provide an access point to the east.
 - It is possible that the roadway through Mud Creek will close to non-residents on 03/20/17.
 - Caltrans engineers have been inspecting the bridge on a regular basis and advise that the roadway continues to deteriorate as slide activity continues daily.

2017 February Winter Storm Proclamations

- See Cal OES 2017 February Winter Storms Proclamations Slide.

2017 January Winter Storm Proclamations

- See Cal OES 2017 January Winter Storms Proclamations Slide.

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage:

- Lake County: Clear Lake at Lakeport

Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>

SITUATION SUMMARY

2017 February Winter Storms

Cal OES Inland Region

EOC Activations

- None at this time.

Deployments

- None at this time.

2017 February Winter Storm Proclamations

- See Cal OES 2017 February Winter Storms Proclamations Slide.

2017 January Winter Storm Proclamations

- See Cal OES 2017 January Winter Storms Proclamations Slide.

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage:

- Sutter & Yolo Counties: Sacramento River at Fremont Weir
- Yolo County: Yolo Bypass at Lisbon
- San Joaquin County: San Joaquin River at Vernalis
- Stanislaus County: Tuolumne River at Modesto; San Joaquin River at Patterson; San Joaquin River at Newman
- Merced County: Merced River at Stevinson

Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>

Cal OES Southern Region

- Cal OES Southern Region will continue to reach out to all the Operational Areas (OAs) to collect damage information for the recent February Storms even if the OA does not plan to proclaim a local emergency.

2017 February Winter Storm Proclamations

- See Cal OES 2017 February Winter Storms Proclamations Slide.

2017 January Winter Storm Proclamations

- See Cal OES 2017 January Winter Storms Proclamations Slide.

CAL OES RECOVERY

Presidential Declaration Storms – FEMA-4301-DR-CA

Preliminary Damage Assessments are complete for counties named under Presidential Declaration FEMA-4301-DR-CA: Humboldt, Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Inyo, Lake, Lassen, Marin, Mendocino, Merced, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Luis Obispo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Trinity, Tuolumne, Yolo, Yuba

The following is a schedule of Applicants' Briefings hosted by Cal OES Recovery

Date and Time	Application Deadline	Location	Description
03/20/17, 0900-1200 hours	04/11/17	https://primetime.bluejeans.com/a2m/live-event/de65488	WEBINAR to Applicants' Briefing
03/21/17, 1300-1600 hours	04/11/17	Simpkins Family swim Center Live Oak Community Room 979 17th Avenue Santa Cruz, Santa Cruz County	Applicants' Briefing
03/22/17, 1300-1600 hours	04/11/17	Board of Supervisors Room 224 North Edwards Independence, Inyo County	Applicants' Briefing
03/23/17, 1300-1600 hours	04/11/17	Shasta County Board of Supervisors Chambers 1450 Court Street Redding, Shasta County	Applicants' Briefing

Cal OES 2017 February Winter Storms Proclamations

Proclamations have been received from the following counties, cities, tribal governments, and special districts as a result of the 2017 February Winter Storms:

Proclamations for Coastal Region:

Counties: Alameda County, Contra Costa County, Del Norte County, Humboldt County, Lake County, Marin County, Mendocino County, Monterey County, Napa County, Santa Clara County, San Mateo County, Santa Cruz County, Solano County, Sonoma County

Towns/Cities: City of San Jose, City of Cloverdale

Proclamations for Inland Region:

Counties: Alpine County, Amador County, Colusa County, El Dorado County, Fresno County, Glenn County, Kings County, Lassen County, Mariposa County, Merced County, Modoc County, Nevada County, Plumas County, Sacramento County, San Joaquin County, Shasta County, Sierra County, Siskiyou County, Stanislaus County, Sutter County, Tehama County, Trinity County, Tuolumne County, Yolo County, Yuba County

Towns/Cities: City of Placerville, Town of Truckee, City of Loyalton, City of Jackson, City of Portola

Proclamations for Southern Region:

Counties: San Diego County, Santa Barbara County

Towns/Cities: City of Duarte, City Chula Vista, Town of Mammoth Lakes, City of San Diego

Cal OES 2017 January Winter Storms Proclamations

Presidential Major Disaster Declaration: FEMA-4305-DR-CA

- On 03/16/17, the Federal Emergency Management Agency (FEMA) announced that federal disaster assistance has been made available to the State of California to supplement State, tribal, and local recovery efforts in the areas affected by severe winter storms, flooding, and mudslides from 01/18/17 to 01/23/17.
- Federal funding is available to State, tribal, and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by severe winter storms, flooding, and mudslides in El Dorado, Kern, Los Angeles, Mendocino, Napa, Orange, Riverside, Sacramento, San Diego, San Luis Obispo, San Mateo, Santa Barbara, Santa Cruz, Trinity, Tuolumne, and Yolo counties.

Presidential Major Disaster Declaration: FEMA-4301-DR-CA

- On 02/14/17, the Federal Emergency Management Agency (FEMA) announced that federal disaster assistance has been made available to the State of California to supplement State, tribal, and local recovery efforts in the areas affected by severe winter storms, flooding, and mudslides from 01/03/17 to 01/12/17.
- Federal funding is available to State, tribal, and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by severe winter storms, flooding, and mudslides in Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Humboldt, Inyo, Lake, Lassen, Marin, Mendocino, Merced, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Luis Obispo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Trinity, Tuolumne, Yolo, and Yuba counties.

Governor Brown Requests Presidential Major Disaster Declaration Due to January Storms

- Governor Edmund G. Brown Jr. today requested a Presidential Major Disaster Declaration to bolster state and local recovery efforts following late January storms that caused major flooding, mudslides, power outages and damage to critical infrastructure across California.
 - Full request can be found [here](#)
- Governor Brown today also issued two emergency proclamations due to storms in late January and February – for the counties of Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kern, Kings, Lake, Lassen, Los Angeles, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Bernardino, San Diego, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Ventura, Yolo, Yuba, Contra Costa, Orange, Riverside, San Francisco and Solano – which direct Caltrans to formally request immediate assistance through the Federal Highway Administration's Emergency Relief Program. The proclamations also direct the Office of Emergency Services to provide assistance to specified counties as a result of the late January storms. Damage assessments for the February storms and for the damaged spillway at Oroville Dam are ongoing.
 - The Emergency Proclamations can be found [here](#) and [here](#)

Cal OES 2017 January Winter Storms Proclamations

Proclamations have been received from the following counties, cities, tribal governments, and special districts as a result of the 2017 January Statewide Winter Storms.

Proclamations for Coastal Region:

- Counties: Alameda County, Contra Costa County, Humboldt County, Lake County, Marin County, Mendocino County, Monterey County, Napa County, San Benito County, San Mateo County, Santa Clara County, Santa Cruz County, Solano County, Sonoma County
- Cities: City of Benicia, City of Gilroy, City of Martinez, City of Oakland, City of Orinda, City of Point Arena
- Tribes: Hoopa Valley Indian Reservation
- Special District: Hidden Valley Lake Community Services District, Lake County

Proclamations for Inland Region:

- Counties: Alpine County, Amador County, Butte County, Calaveras County, El Dorado County, Kern County, Lassen County, Merced County, Nevada County, Placer County, Plumas County, Sacramento County, San Joaquin County, Shasta County, Sierra County, Siskiyou County, Sutter County, Trinity County, Tuolumne County, Yolo County, Yuba County
- Cities: City of Grass Valley, City of Loyalton, City of Nevada City, City of Placerville, City of Portola, City of South Lake Tahoe, Town of Truckee
- Special Districts: Reclamation District 900, Washington Water District

Proclamations for Southern Region:

- Counties: Inyo County, Los Angeles County, Mono County, Orange County, Riverside County, San Diego County, San Luis Obispo County, Santa Barbara County, San Bernardino County
- Cities: City of Duarte, City of Diamond Bar, City of Chula Vista, City of National City, City of Poway, City of Pismo Beach, Town of Mammoth Lakes

FIRE ACTIVITY

Cal OES Fire Preparedness Levels

National	Northern California	Southern California
Preparedness Level 1	Preparedness Level 1	Preparedness Level 2
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2

- Nothing Significant to Report

MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
No Lifeline Route Closures	No Lifeline Route Closures	No Lifeline Route Closures

Lifeline Routes:

- There are no Lifeline Route Closures at this time.

Non-Lifeline Routes:

- Please check highway conditions via the Caltrans logo below.

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Wildfire Closures:

- There are no Wildfire Closures at this time.

Emergency Center Activations:

- There are no Emergency Center Activations at this time.

Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype)

<http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr>



Click on the Caltrans Logo to check
current highway conditions.
You can also call 1-800-427-7623 for
current highway conditions.



California 911 System

CA 911 Outages		
Northern California	Central California	Southern California
No 911 Outage	No 911 Outages	No 911 Outages

Service Interruptions:

- None reported

Remote/Community Isolations:

- None reported

WEATHER OF CONCERN

Weather of Concern

- Light precipitation continues today with a few thunderstorms over the northern Sacramento Valley.
- A strengthening frontal system moves onto the West Coast Monday and Tuesday with moderate to heavy rain and snow and breezy to windy conditions, especially Tuesday.
- Snow levels will range 6000 to 7000 feet.
- Precipitation intensity may decrease Wednesday into early Thursday, but continued moist flow will keep precipitation around.
- Another frontal system impacts the area Thursday and Friday with more moderate to heavy precipitation and windy conditions.

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/www_bc_cal.php - Temporarily unavailable. NWS is in the process of repairing the page.

Storm Timeline

March 19-24, 2017

Interior Northern California



Sunday

Light mountain and northern Valley precipitation with isolated t-storms over northern Sacramento Valley.



Tuesday

Moderate to heavy rain and snow with afternoon/evening thunderstorms. Windy conditions. Snow levels around 6000 feet.



Thursday - Friday

Storm spreads mod to heavy rain & snow across interior NorCal. Snow levels near 4500-5000 feet. Windy conditions.

Sunday

Monday

Tuesday

Wednesday

Thu-Fri



Monday

Storm spreads precipitation across interior NorCal. Moderate rain & snow. Snow levels 6000-7000 feet. Gusty winds.



Wednesday

Rain will decrease in Valley with rain/snow still lingering over mountains. Snow levels down to 5000 feet.

Legend



Extreme Impact



High Impact



Moderate Impact



Little to No Impact



Issued: March 18, 2017

WEATHER SYNOPSIS BY REGION

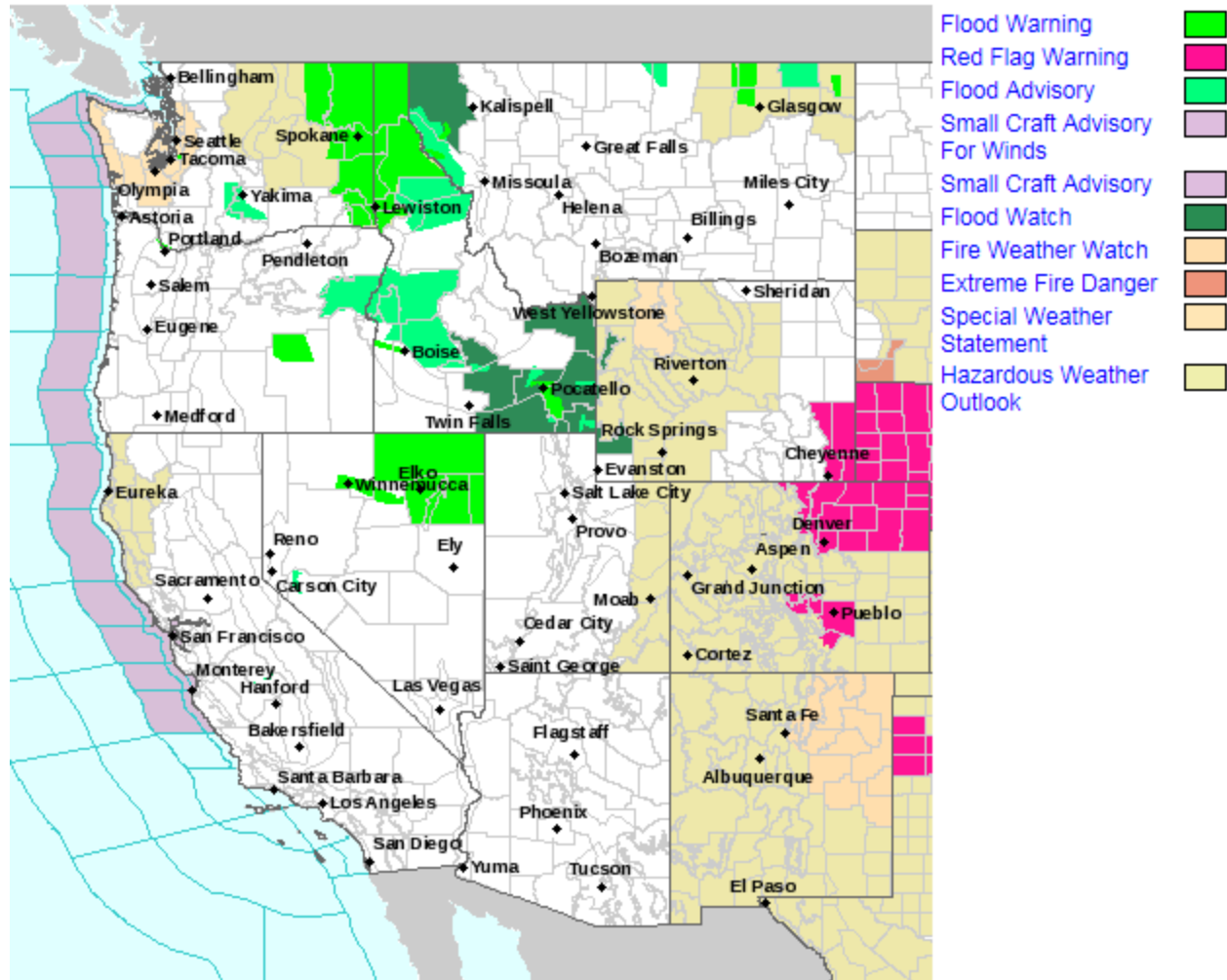
NORTHERN CALIFORNIA

A weather disturbance will bring increased cloud cover, cooler temperatures, and chances for rain for portions of the Northern region valley and mountainous areas today and tonight. Light precipitation chances are possible on Sunday as the upper level flow pattern transitions ahead of the next weather making system this coming work week. Sierra snow at elevations higher than 6000 feet are possible Monday and Monday night with widespread moderate to heavy rainfall elsewhere.

SOUTHERN CALIFORNIA

A prolonged cooling trend will begin this weekend as a trough of low pressure builds into the West Coast. This pattern will support low clouds and patchy fog gradually expanding into portions of the valley. This persistent trough will bring rain and mountain snow at times with continued cool conditions next week. Temperatures will begin a long term cooling trend today with temperatures generally down 3 to 8 degrees from Friday as a result of the increasing influence from the marine layer and lowering heights. However, interior areas such as the Antelope Valley which will see little change due to increasing downsloping winds. Broad southwesterly flow continues Sunday in advance of a deepening trough of low pressure off the West Coast. The marine layer is likely to deepen slightly becoming more entrenched into the valleys by Sunday evening. Temperatures will be similar to Saturday with a only a few degrees of cooling.

WEATHER MAP



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Cal OES LAW ENFORCEMENT MISSIONS

Ongoing Cal OES Law Missions

- **2017-LAW-34719, 3/16/17, 1545 hours:** Madera County requested five historical cadaver dogs to search an area near the Chukchansi Indian Casino at Coarsegold for human bones. A portion of a leg bone was found during construction and an attempt will be made to locate additional bones. The bones are believed to be at least 20 years old, but not suspected to be Indian artifacts. The search is requested for Saturday, March 18. **Mission Ongoing.**
- **2017-LAW-34711, 03/15/2017, 1600 hours,** San Joaquin County Sheriff's Department (SJSD) is requesting resources to assist in locating additional remains of a drowning victim. SJSD is requesting four cadaver search dog teams. The California Governor's Office of Emergency Services, Law Enforcement Branch is coordinating the search dog teams response. This search is tentatively set for 03/17/17 at 0700 hours. Update: 03/17/17, Per SJSO, K9 teams were not available today. Mission postponed to 3/20/17. **Mission Ongoing.**
- **2017-LAW-34695, 03/14/2017, 1215 hours,** Sacramento County Sheriff's Department (SCSD) is requesting resources for Sacramento Police Department (SPD) to assist in locating the remains of a cold case homicide. SCSD is requesting two cadaver search dog teams. El Dorado County Sheriff's Department is responding with the requested resources. This search will take place on Thursday, 03/16/17 at 0800 hours. Update: 03/15/17, 1000 hours, SCSD advised that they are postponing this search till 3/24/17 at 0800 hours, due to tactical considerations. **Mission Ongoing.**

Cal OES MISSIONS

Cal OES Missions

- **2017-SOUTHERN-34756:** Sewage Disposal (Mono County) Coordinating.
- **2017-SOUTHERN-34757:** Sewage Disposal (Mono County) Coordinating.
- **2017-SOUTHERN-34760:** Sewage Disposal (Mono County) Coordinating.
- **2016-IREOC-21748:** Tasking Cal Trans to extend state highway right of way to facilitate hazard tree removal. This is a long term mission and is expected to remain in place through the summer months. **Mission Ongoing**
- **2015-IREOC-19846:** One RAWs weather station to Amador OA – On scene 11/30/15, expected to be left in place until May 2017. **Mission Ongoing**

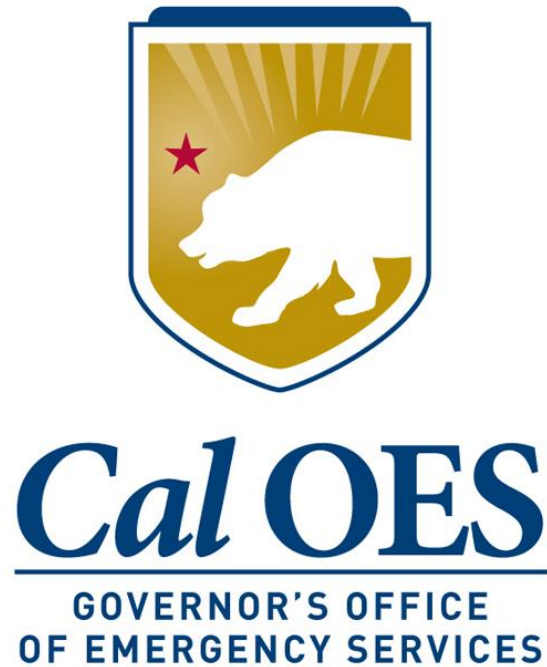
Cal OES 2017 DROUGHT

The SOC remains activated in support of the Drought State of Emergency and continues to monitor the situation.

Current Local Emergency Proclamations:

A total of **55** local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 22 Counties: Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, and Tuolumne.
- 10 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Rancho Cucamonga (San Bernardino County), City of West Sacramento (Yolo County), and City of Fort Bragg (Mendocino County).
- 11 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County), Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Tuolumne Band of Me-Wuk Indians (Tuolumne County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.